



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Chicago Ecological Service Field Office  
230 SOUTH DEARBORN ST., SUITE 2938  
CHICAGO, IL 60604  
PHONE: (312)216-4720  
URL:

[www.fws.gov/midwest/endangered/section7/s7process/7a2process.html](http://www.fws.gov/midwest/endangered/section7/s7process/7a2process.html)

Consultation Code: 03E13000-2017-SLI-0008

October 11, 2016

Event Code: 03E13000-2017-E-00012

Project Name: Zion Nuclear Power Station Environmental Assessment for License Termination

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

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The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat if present within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

***Please note!*** For all **wind energy projects** and **projects that include installing towers that use guy wires or are over 200 feet in height**, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within your proposed project or may be affected by your proposed project.

For all other projects, continue the Section 7 Consultation process by going to our Section 7 Technical Assistance website at

<http://www.fws.gov/midwest/endangered/section7/s7process/index.html>. If you are familiar with this website, you may want to go to Step 2 of the Section 7 Consultation process at <http://www.fws.gov/midwest/endangered/section7/s7process/step2.html>.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website

<http://ecos.fws.gov/ipac/> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, see our Eagle Permits website at <http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html> to help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior  
Fish and Wildlife Service

Project name: Zion Nuclear Power Station Environmental Assessment for License Termination

## Official Species List

### Provided by:

Chicago Ecological Service Field Office

230 SOUTH DEARBORN ST., SUITE 2938

CHICAGO, IL 60604

(312) 216-4720

<http://www.fws.gov/midwest/endangered/section7/s7process/7a2process.html>

**Consultation Code:** 03E13000-2017-SLI-0008

**Event Code:** 03E13000-2017-E-00012

**Project Type:** \*\* OTHER \*\*

**Project Name:** Zion Nuclear Power Station Environmental Assessment for License Termination

**Project Description:** ZionSolutions, LLC submitted a license amendment request, pursuant to Title 10 of the Code of Federal Regulations 50.82(a)(9), to the U.S. Nuclear Regulatory Commission (NRC) dated December 19, 2014, to amend its operating licenses for Zion Nuclear Power Station, Units 1 and 2. The request, if granted, would add a license condition reflecting the NRC's approval of its License Termination Plan (LTP) and incorporation of the LTP into the licenses. Submittal of the LTP is a small part of the decommissioning process, which involves the safe removal of a facility from service and reduction of residual radioactivity to a level that permits termination of the NRC license.

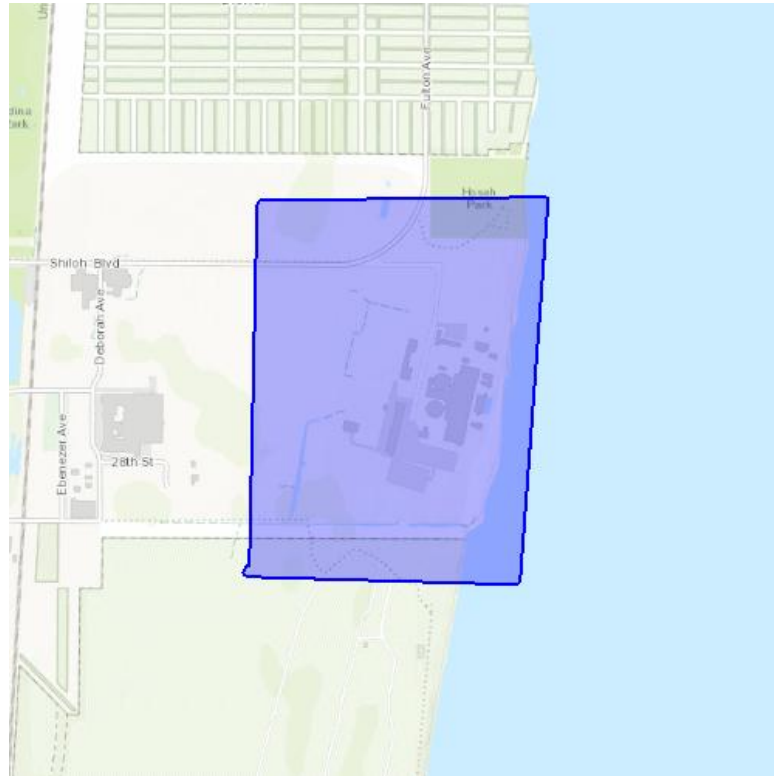
**Please Note:** The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



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### Project Location Map:



**Project Coordinates:** MULTIPOLYGON (((-87.81008019023453 42.44129819625188, -87.80978086857112 42.45133211994706, -87.80973972869761 42.451426043210965, -87.80964496490888 42.45146520815756, -87.79895904419355 42.451560203471324, -87.79884823522522 42.451505545261476, -87.79882135356578 42.4514090562852, -87.79989423717174 42.44092703766911, -87.79993989532572 42.44083818350639, -87.80003371041776 42.44080385483377, -87.810161731658 42.441025547096764, -87.81023742288882 42.44105032913767, -87.81029383120575 42.44113888592132, -87.81027109880694 42.441241391726976, -87.81020844149825 42.44129055852109, -87.81008019023453 42.44129819625188)))

**Project Counties:** Lake, IL



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## Endangered Species Act Species List

There are a total of 7 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Birds	Status	Has Critical Habitat	Condition(s)
Piping Plover ( <i>Charadrius melodus</i> ) Population: Great Lakes, watershed in States of IL, IN, MI, MN, NY, OH, PA, and WI and Canada (Ont.)	Endangered		
Red Knot ( <i>Calidris canutus rufa</i> ) Population: Wherever found	Threatened		
<b>Flowering Plants</b>			
Eastern Prairie Fringed orchid ( <i>Platanthera leucophaea</i> ) Population: Wherever found	Threatened		Follow the guidance provided at <a href="https://www.fws.gov/midwest/endangered/section7/s7process/plants/epfos7guide.html">https://www.fws.gov/midwest/endangered/section7/s7process/plants/epfos7guide.html</a>
Pitcher's thistle ( <i>Cirsium pitcheri</i> ) Population: Wherever found	Threatened		
<b>Insects</b>			
Karner Blue butterfly ( <i>Lycaeides melissa samuelis</i> ) Population: Wherever found	Endangered		



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Mammals			
Northern long-eared Bat ( <i>Myotis septentrionalis</i> ) Population: Wherever found	Threatened		
Reptiles			
eastern Massasauga ( <i>Sistrurus catenatus</i> ) Population: Wherever found	Proposed Threatened		



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## **Critical habitats that lie within your project area**

There are no critical habitats within your project area.